WHAT IS CLAIMED IS:

1. A method for communicating packets in a communication device having a wireless communication interface via a wireless network to another communication device, comprising:

providing a plurality of buffers in the communication device, each buffer corresponding to a type of quality of communication service requested by a communication packet which is exchanged from upper layer;

setting a logical channel for the communication packets to be exchanged;

giving a connection identifier for the logical channel, said connection identifier being associated with an information indicating the type of quality of communication service;

receiving said communication packets to be exchanged via said logical channel and distributing said communication packets to one of a plurality of buffers depending upon said connection identifier and said information.

2. A method for communicating packets according to claim 1, further comprising transmitting said communication packets in one of a plurality of buffers to the another communication device corresponding to said type of quality of communication service.

3. A method for communicating packets in a communication device having a wireless communication interface via a wireless network to another communication device, comprising:

specifying, in a predetermined area of a payload header of a base band communication packet, a service class requested by a communication packet which is exchanged from upper layer;

determining said service class requested by said communication packet based on said payload header; and

distributing said base band communication packet to one of a plurality of buffers corresponding to said specified service class depending upon said determination.

4. A method for communicating packets according to claim 2, further comprising transmitting said base band communication packets in one of a plurality of buffers to the another communication device corresponding to said specified service class.

5. A communication device having a wireless communication interface via a wireless network to another communication device, comprising:

an application processing portion for determining a parameter corresponding to a type of quality of communication service requested by an application used in said communication device for a communication packet which is transmitted by said communication device;

a plurality of buffers, whose number corresponds to a number of types of said parameter; .

a logical link control portion for preparing a logical channel in which information regarding said parameter determined for said communication packet and for setting said logical channel sequentially in said communication packet;

a communication control interface portion for giving a connection identifier to said set logical channel and for setting information regarding said parameter in said connection identifier; and

a determination portion for distributing to one corresponding buffer among said plurality of buffers said communication packet passed from said

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logical link control portion via said communication control interface.

6. A communication device according to claim 5 wherein said interface portion gives one connection identifier to each logical channel and sets information regarding said parameter in said connection identifier.

7. A communication device according to claim 5 wherein said interface portion gives a connection identifier for each type of said information regarding said parameter to said logical channel and sets said information regarding said parameter in said connection identifier.

8. A communication device according to claim 5, further comprising a packet processing portion for writing said information regarding said parameter in a predetermined area in said communication packet passed from said logical link control portion through said communication control interface,

wherein said determination portion distributes said communication packet to a suitable buffer among said plurality of buffers based on said information regarding said parameter written in said predetermined area.

9. A communication device according to claim 5, wherein said packet processing portion writes a value 00 in a first area of a payload header of said communication packet and writes a service definition indicating said quality of communication service in a second area; and

said determination portion distributes said communication packet to said suitable buffer based on said service definition if the value of said first area is 00.

10. A communication device according to claim 5, wherein said application processing portion determines said parameter and specifies a corresponding buffer among said plurality of buffers.

11. A communication device according to claim 5, wherein said logical

link control portion determines a parameter corresponding to a type of quality of service required for said communication packet when no parameter is determined for said communication packet.